

IN THE CLAIMS

I. *Substitution of Claims*

Please substitute pending claims 1 and 104, with the corresponding amended claims, as shown below:

c1
Sub E1

1. (Twice Amended) A method of treating hypogonadism in a male subject in need thereof, comprising administering a composition to a selected area of skin of the male subject in a pharmacologically effective amount to treat the hypogonadism, wherein the composition consists essentially of:

- a) about 0.5 % to about 10 % testosterone;
- b) about 30 % to about 98 % alcohol selected from the group consisting of ethanol, and isopropanol;
- c) about 0.1 % to about 5 % isopropyl myristate;
- d) about 1 % to about 5 % sodium hydroxide; and
- e) about 0.1 % to about 5 % gelling agent; and

wherein the percentages are weight to weight of the composition, and the testosterone is absorbed into bloodstream of the subject at a rate and duration that maintains a circulating serum concentration of the testosterone greater than about 400 ng testosterone per dl serum during a time period beginning about 2 hours after administration and ending about 24 hours after administration.

c2
Sub E2

58104. (Amended) A method of treating hypogonadism in a male subject in need thereof, comprising:

(a) preparing a composition consisting essentially of:

C 2

- 1) about 0.5 % to about 10 % testosterone;
- 2) about 30 % to about 98 % alcohol selected from the group consisting of ethanol, and isopropanol;
- 3) about 0.1 % to about 5 % isopropyl myristate;
- 4) about 1 % to about 5 % sodium hydroxide; and
- 5) about 0.1 % to about 5 % gelling agent; and

(b) applying the composition to a selected area of skin of the male subject in an amount effective to treat the hypogonadism;

wherein the percentages are weight to weight of the composition.
